

## GOD'S GIFT OF FULVIC ACID

**LifeTree** is excited to have discovered this wonderful drink that God has made for all of nature, especially humans, to be benefited from. We have had this on our shelves for about three months and have already experienced several testimonies from people taking it. They generally report; more energy, increased immune strength, clearer mental abilities, awareness of an increased endurance, electrolyte balancing, and in general feeling stronger and better. The spray on the skin has increased the healing time of burns to 1/3 the usual time, and decreased the pain dramatically. It has also been reported to stop bleeding inside and out. Muscular pain relief has been experienced as well. The eye drops have been reported to rid the eyes of the burning and stinging from strain, causing them to feel rested. Healing is what we all need, and healing is what LifeTree wants for all who will search for it. It comes from God through the many blessings that He hands down to us, Fulvics and Humics are two of those blessings. Humics work in the garden like fulvic does in the body.

### WHAT IS FULVIC ACID?

As originated in nature from plants that have been preserved as Leonardite shale ore then has been ground and run through water to separate the fulvic acid from the humic; fulvic acids are biologically active, and have a low molecular weight (i.e., small molecules). Fulvic Acid liquid is IONIC minerals that your body needs on a daily basis for maintaining health, structure, function of every tissue in the entire body. It contains 80 plus minerals as well as trace minerals and amino acids. All of this from plants.

### HOW CAN FULVIC BE TAKEN?

**Fulvic Acid comes in liquid and powder form:** The recommended maintenance dose of Fulvic is 1 - 2 Ounces per day based on one teaspoon per 20 pounds (preferably split  $\frac{1}{2}$  in the morning and  $\frac{1}{2}$  in the mid-afternoon) - 6 teaspoons = 1 ounce = 2 Tablespoons. A maintenance dose is for those people who are healthy and want to maintain their health.

If the above dose is too intense for you to begin with, then just follow titration instructions below:

**To Start on Fulvic titrations** begin with  $\frac{1}{4}$  ounce daily, then work your way up to a maintenance dose of 1 ounce twice per day. This will likely avoid detoxification effects - Fulvic are potent detoxifiers. The primary detoxification symptoms are diarrhea, constipation, headaches and nausea, and these generally last only a few hours to days.

**Powder form:** comes in capsules, 64 to the bottle; these are 500 mg per capsule. Generally you want to take 1-2 Capsules daily. These can be taken as one capsule am and pm

**Fulvic is such a good chelator** that if you take the fulvic at a meal, with juice, tea, or anything that it will enhance the absorption and effectiveness of what ever is taken in conjunction with the fulvic. Do not take it with pharmaceutical drugs, chemicals such as chlorine in our drinking water and toothpaste, or any non-food items like fast food, and food additives. Take it on an empty stomach for chelating toxins out of your body, as it acts on whatever is nearby.

**Beware of Fulvic Acids on the market** as many of them are contaminated with heavy metals, chlorine induced carcinogens, high carbon and other contaminants. Most of the choices out there are also diluted way down from the original 3% that is

extracted from the Humic, causing a very ineffective product and charging an enormous price for a small amount,

1 qt. of liquid Fulvic is 16.50 plus shipping; one bottle of 64 caps powdered is \$37.50 plus shipping.

### **WHAT DOES FULVIC DO FOR OUR BODIES** excerpts from a study put together by Jeff CTC

In a report from Hungry done as an extensive study on Humic substances it was found that both humics and fulvic acid chelate heavy metals and they then are excreted in the urine and bile. Furthermore, this standardized (Humic/Fulvic Acid) would be beneficial **in eliminating heavy metals that can be accumulated throughout a lifetime of environmental exposure. (Humic/Fulvic Acid) works to decrease the absorption of these heavy metals as well.** So both prevention of accumulation; and elimination of heavy metals is a benefit of oral consumption of fulvic acid for both animals as well as humans.

This same study showed that fulvic acid ***alleviates the physiological consequences that occur with irradiation.*** (Humic/Fulvic Acid) was given to the subjects studied, in one dose of 960 mg/kg body weight, then subjected to whole body irradiation. Baseline and outcome data (white blood cell, erythrocyte, platelet counts, and total serum iron binding capacity) were taken to substantiate claims of efficacy of the (Humic/Fulvic Acid) treatment. The results showed improvements in platelet count (leukocytes and thrombocytes) which had markedly decreased after irradiation. Platelet counts began to normalize in the control group one week earlier than in the untreated control group of subjects with just one dose of the (Humic/Fulvic Acid) formula. No side effects or toxicities were noted while administering (Humic/Fulvic Acid) to this group of subjects.

In 1988, Dr. S. A. Visser reviewed the medicinal value of humic substances in an article entitled: "Effects of humic substances on higher animals and man; the possible use of humic compounds in medical treatments", which was presented at the International Humic Substance Society meeting in Sevilla, Spain. His findings showed that the medicinal applications of humic and fulvic acids can be external as well as internal.

Dr. Visser stated that "external applications of humic and fulvic acids are based on their use as antiphlogistic (anti-inflammatory), analgesic (pain relieving), hyperemic (blood flow increasing), anti-rheumatic, anti-microbial, anti-fungal, antiviral and anti-cancer agents. Humic and fulvic acids have also been used externally in the treatment of hematoma (localized accumulation of blood), phlebitis (inflammation of veins), desmorrhaxis (rupture of a ligament), and myogelosis (hardening of a muscle), as well as for the treatment of patients with contusions, distortions, cervical (neck) complaints, lumbago (pain in the lower back), ischias (pelvic pain in the hip joint), arthrosis (non-inflammatory arthritis), polyarthritis (arthritis of multiple joints), osteoarthritis (arthrosis deformans), and with osteochondrosis (ossification of cartilage)."

In Other words fulvic acid taken orally twice per day will, as shown by clinically proven studies, help to alleviate pain in our bones and muscles and joints. It acts as an anti-inflammatory, pain reliever, by causing the blood to flow better, killing off pathological microorganisms, and relieving congestion, inflammation and swelling in affected areas.

“With respect to internal use, humic and fulvic acids have been shown to be particularly useful in the prevention, therapy and after-care of a variety of stomach and intestinal troubles such as, hyper-acidity, diarrhea, gastric ulcers, dysentery, gastroenteritis and colitis. They also act as a detoxifying agent, and have been used against bacterial and viral infections. They have been found to be useful in the treatment of anemia (deficiency of red blood cells, hemoglobin or total blood volume) and as a stimulator of the body’s immune system and of detoxifying liver functions. By counteracting certain kinds of cancerous growth, humic acids may also have a potential as an anti-carcinogen”. From Dr. Visser

FULVIC ACID taken orally over a continuous period of time IS:

**Anti-bacterial, viral, or other infectious material;** Aides in recovery from all degenerative diseases

**DNA Repairer** Taken over time it also becomes a protector of our DNA as well as repairing damage done from the multitude of free radical damage done on a daily basis in our cells

**Anti-ageing** Because of its low molecular weight, fulvic acid as a protection against oxidative damage inside the mitochondria can actually get inside the mitochondria protecting and healing the damage, where larger molecules such as vitamin C and E are not able.

**Antioxidant** that is not damaged from free radicals, as are vitamin C, and Vitamin E when working in that capacity to protect the body

**Prophylactic/Preventative** against a variety of stomach and intestinal troubles such as, hyper-acidity, diarrhea, gastric ulcers, dysentery, gastroenteritis and colitis. They can also act as a detoxifying agent, and have been used against bacterial and viral infections.

**Remineralizer** As a remineralizer humic/fulvic acids have proved useful in the treatment of anemia (deficiency of red blood cells, hemoglobin or total blood volume) and as a stimulator of the body’s immune system and of detoxifying liver functions. By counteracting certain kinds of cancerous growth, humic acids may also have a potential as an anti-carcinogen. It is an organic natural electrolyte balancing and energizing the bodies’ metabolism at cellular level.

**Chelates** That means it binds up with proteins either minerals or other nutrients for delivery to the mitochondria, the energy making organelles of the body cells, or with toxins and heavy metals for delivery to the elimination organs of body.

Many of these effects can be attributed to the activity of humic and fulvic acids by themselves, and are the result of their surface activity, chelating properties, power of absorption, their polyacidic nature, their polyphenolic structure, their interaction with other organic molecules including polysaccharides, proteins, enzymes and lipids, as well as of their redox properties and free radical content. **No unfavorable side effects have so far been noticed with the administration of humic or fulvic acids, and this includes pregnancy and infants as per reports from Yuan, Shenyan; et al; Application of Fulvic acid and its derivatives in the fields of agriculture and medicine; First Edition: June 1993**

“As per FDA guidelines: our products are not intended to cure or prevent any disease and our data is not reviewed by FDA. The products can only be sold as food supplements in the U.S. although safety is not an issue. You are not allowed to know

basic scientific facts of a natural, traditional herbal remedy in the U.S. So, if you are from the United States the above science does not apply for you. Thank you!” Dr. Yuan Shenyuan

Scientists also tell us that fulvic acid is one of the most powerful natural electrolytes known to man. It is also *one of the most powerful natural antioxidants and free radical scavengers known*. Fulvic acid *has the unique ability to react with both negatively and positively charged unpaired electrons and render free radicals harmless*. It can either alter them into new useable compounds or eliminate them as waste. Fulvic acid likewise *scavenges heavy metals and detoxifies pollutants*.

The good news is that the presence of fulvic acid actually increases the activity of several enzymes, including: transaminase, invertase, and alkaline phosphates. Speaking of the potentiation of certain substances, fulvic acid may also have a positive effect on RNA and DNA. According to several researchers, *the actual content of DNA is cells and the synthesis of RNA is enhanced by the presence of fulvic acid*. Furthermore, if you supplement with traditional vitamins and minerals, their bioavailability may be enhanced by the addition of fulvic acid. And the list goes on, and on and on...here's some more:

Complexes and dissolves minerals and trace elements

Enhances nutrients

Transports nutrients

Catalyzes enzyme reactions

Fulvic acid has close association with enzymes

Increases assimilation

Stimulates metabolism

Detoxifies pollutants

Dissolves silica in the body (Wow that is the big one!)

Synthesizes or transmutes or chelates minerals

Enhances cell division and elongation

Enhances the permeability of cell membranes—hope for diabetics yet!

Increases metabolism of proteins

Catalyzes vitamins within the cell

Chelates all monovalent and divalent elements (free radicals) that it is exposed to—kills the killers. Promotes electrochemical balance as both donor and receptor

Steals electrons from the outer ring of radiation molecules rendering them harmless

This is truly a miracle food from God as is any antioxidant or other noticeable healing food. God has known our needs in these last days on the face of a planet that is quickly being destroyed by irresponsible decisions made and carried out. God has promised that our bread and water will be sure. That means that He will be sure to supply all of our needs (nutritional as well) in Christ Jesus the creator of our food as well as our bodies. Even if we have to go out every day and pick up the manna that He has provided for us, you know, like searching for the good food that He has given us amidst all of the chemicalized, GMO'd, refined, processed, nutrient depleted, food. It is a wilderness of food out there, but God will supply for us quality food and Fulvic Acid is one of the quality mineral foods.